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- (71) Applicant (for all designated States except US): GARVAN INSTITUTE OF MEDICAL RESEARCH [AU/AU]; C/- St Vincent's Hospital, 384 Victoria Street, Darlinghurst, New South Wales 2010 (AU).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): MOLERO, Juan, Carlos [ES/AU]; 18/3 Bortfield Drive, Chiswick, New South Wales 2046 (AU). JAMES, David [AU/AU]; 25 Cutler Road, CLONTARF, New South Wales 2093 (AU).
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(54) Title: METHODS OF TREATMENT OF FEEDING DISORDERS OR DISORDERS OF GLUCOSE UPTAKE AND FOR MODIFYING METABOLISM AND IDENTIFYING THERAPEUTIC REAGENTS THEREFOR

(57) Abstract: The present invention provides several assay formats for determining the effect of compounds on one or more metabolism-associated phenotypes in a cell, tissue or animal. The assay formats are based upon the finding that the proto-oncogene Cbl is involved in modulating basal glucose uptake, metabolic rate, adipogenesis, muscle thermogenesis, mitochondrial structure and function, the ratio of lean muscle mass to body fat and feeding behavior.

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